

Aled Rural District Council

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

(F. P. PEACH, M.B., Ch.B., D.P.H.)

WHICH INCLUDES THE ANNUAL REPORT OF THE

PUBLIC HEALTH INSPECTOR

(F. J. LEVESLEY, M.A.P.H.I.)

FOR THE YEAR

1969



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Cyngor Dosbarth Gwledig Aled

Adroddiad Blynyddol

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SWYDDOG MEDDYGOL IECHYD

(FREDERICK P. PEACH, M.B., Ch.B., D.P.H.)

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(F. J. LEVESLEY, M.A.P.H.I.)

AM Y FLWYDDYN

1969

General Purposes Committee

Chairman :

Councillor W. E. Davies, C.C.

Vice-Chairman :

Councillor Mark H. Burrill.

Abergele Rural :

Councillors Shadrach Davies, D. Howell Roberts, T. E. Owen.

Betws-yn-Rhos :

Councillors W. Ellis Davies, C.C.; O. Wyn Roberts.

Bylchau :

Councillors John E. Edwards, C.C.; Mrs. A. C. Hughes.

Cefn :

Councillor O. J. Rees.

Llanelian :

Councillor John Jones.

Llanfairtalhaiarn :

[Alderman Watkin Lloyd, M.B.E., J.P., C.C.]

Councillors E. Hughes, John Jones, William Jones.

Llansannan :

Councillors D. Mars-Jones, E. J. Lloyd Williams, Gwilym Davies.

Llanefydd :

Councillors Thomas Williams, C.C. ; D. J. Roberts.

Glan Conway :

Councillors Miss J. Hughes, Mrs. E. Jenkins, C.C. ;
H. E. McKean, J.P. ; Dewi A. Evans.

Trefnant :

Councillors Mark H. Burrill, R. George Williams.

Improvement Grant and Housing Sub-Committee

Councillors Miss J. Hughes, O. J. Rees, William Jones, Mrs. E. Jenkins, John E. Edwards, R. George Williams, D. J. Roberts, O. Wyn Roberts, Mrs. A. C. Hughes, E. J. Lloyd Williams.

Public Health Department

Medical Officer of Health :

F. P. PEACH, M.B., Ch.B., D.P.H.

Public Health Inspector :

F. J. LEVESLEY, M.A.P.H.I.

Clerk : R. W. DAVIES.

ALED RURAL DISTRICT COUNCIL

THE CIVIC CENTRE,
COLWYN BAY.

*To the Chairman and Members
of the Aled Rural District Council.*

Mr. Chairman, Ladies and Gentlemen,

We have pleasure in presenting to you the Annual Report on the health of the district for 1969.

The estimated population of the district for the mid-year 1969, as supplied by the Registrar-General, is 6,570, indicating a decrease in the population of 40. The total live births for the area during 1969 was 79, giving a corrected birth rate of 14. This is an increase of one compared with 1968, when the total live births was 78. The number of deaths registered during the year was 65, which shows a decrease compared with 1968, when the total of deaths registered was 75. Therefore there was a natural increase in the population of 14, indicating that the actual decrease in the population is due to migration out of the area. The population of the district now stands at its lowest figure since the census of 1961, when the population was recorded as 6,519, although the mid-year estimated population during that year was 6,580.

The illegitimacy rate has dropped to 6 per cent. of the total births compared with the previous year's figure of 10.2. This represents a total of 5 illegitimate children born within the district during the year. I expressed some concern at the relatively high rate for 1968, but this year's rate of 6 per cent. is lower than the national rate, which is 8.8 per cent. I am pleased to record that there were no infant deaths in the district during the year.

INFECTIOUS DISEASES.

The total of infectious diseases in the district was relatively low at 66, of which 64 were of cases of Measles. One case of Brucellosis was reported to me during the year and upon investigation it was found that the sufferer had contracted the disease through direct contact with an infected beast. The nature of his work involved the handling of bovine animals.

PUBLIC WATER SUPPLIES.

Following my concern expressed in previous reports upon the plumbo-solvency of the water supplied to the Glan Conway area.

as reported in my 1968 report, the Water Engineer took steps to reduce the lead solvent properties and periodic sampling of water by your officers had indicated that the considerable improvement initiated by the action of the Water Board Engineer has been maintained.

48 samples of public water supplies were taken within the district during the year and submitted for bacteriological examination. All but 7 of these were satisfactory. The unsatisfactory results were communicated to the Water Board Engineer and in all cases it was found that the impurity was only of a transitory nature and subsequent sampling found the water to be recorded as satisfactory.

PRIVATE WATER SUPPLIES.

53 private water supplies were inspected and 8 were sampled for bacteriological contamination, all of which were reported as being unsatisfactory.

I am concerned in that almost all of these unsatisfactory supplies could have been improved by proper maintenance by the recipients. Your officers have time and time again observed the lack of the most elementary precautions to protect such supplies from contamination and despite efforts to persuade the consumers to adequately fence off the source and renew or repair supply pipes and fittings, this apparent apathy continues.

SEWERAGE.

It can be seen from the opinion on the individual works within the district that sewage disposal facilities in many parts of the district are far from satisfactory and we have in the past had to report to the Council our concern, particularly in respect of the Glan Conway, Llanfair, Cefn and Trefnant works and their potential dangers to the public health in the districts concerned. We are aware that the Council also share our concern and it is hoped that in the coming year a substantial start will be made on effective improvements in accordance with the recommendations of the report prepared by the Council's Consultant Engineer.

A detailed summary of their recommendations will be available for next year's Annual Report.

Several works will require complete reconstruction and a considerable capital cost will be incurred to bring the works up to an acceptable standard.

The Council has provided main sewerage throughout the area. The total number of properties so served, however, is only 42 per cent. of the total. It will not be possible to improve much on this figure owing to the scattered nature of the district.

Details of the numbers of properties connected to public sewers in each parish is as follows :

<i>Parish</i>	<i>Total</i>	<i>No. connected to properties main sewers</i>
Abergele	120	6
Betws-yn-Rhos	170	76
Bylchau	150	28
Cefn	145	28
Glan Conway	660	450
Llanefydd	210	26
Llanelian	135	6
Llanfairtalhaiarn	330	125
Llansannan	300	140
Trefnant	330	190

Aled Rural District

VITAL STATISTICS

Area in Acres	69,206
Population—	
(a) Census 1961	6,519
(b) Registrar-General's Estimate (mid-1969) ...	6,610
Number of Inhabited Houses	2,508
Rateable Value	£175,474
Sum represented by a Penny Rate	£693/10/2

LIVE BIRTHS

	<i>Male</i>	<i>Female</i>	<i>Total</i>
Total	46	33	79
Legitimate	45	29	74
Illegitimate	1	4	5

Comparability Factor for Births : 1.17.

Birth Rate per 1,000 population—	
(a) Crude	12.0
(b) Corrected	14.0
Ratio of local adjusted birth rate to national rate	0.86
Illegitimate birth rate of total live births	6.0

STILL BIRTHS

2 Males (Legitimate)	2
Still-birth rate per 1,000 total still-births and live births ...	25.0

INFANT DEATHS

Nil.

INFANT MORTALITY

(a) Total Infant deaths per 1,000 live births	Nil
(b) Legitimate Infant deaths over 1,000 live births	Nil

NEO-NATAL MORTALITY RATE

Deaths under 4 weeks per 1,000 live births Nil

EARLY NEO-NATAL MORTALITY RATE

Deaths under 1 week per 1,000 live births Nil

PERI-NATAL MORTALITY RATE

Still-births and deaths under 1 week combined per 1,000
live and still-births 25.0

MATERNAL MORTALITY

Nil.

DEATHS

	<i>Male</i>	<i>Female</i>	<i>Total</i>
Deaths	37	28	65
Mortality rate (deaths per 1,000 population)—			
(a) Crude			9.9
(b) Corrected			9.9
Ratio of local adjusted death rate to national rate			0.83
Comparability Factor for Deaths			1.0

The following table shows the chief vital statistics for the past eight years :—

	1962	1963	1964	1965	1966	1967	1968	1969
Population	6910	6890	6690	6700	6660	6620	6610	6570
Live Births	90	93	91	95	82	72	78	79
Birth Rate	14.5	15.8	13.6	14.2	14.39	12.75	11.8	12.0
Still-births	2	1	2	1	1	4	1	2
Still-birth Rate	21.7	10.6	21.5	10.4	12.04	52.6	12.6	25.0
Deaths	67	64	67	51	64	70	75	65
Death Rate	10.5	9.29	10.0	7.4	9.69	10.6	11.3	9.9
Infant Deaths	2	0	3	0	0	2	1	0
Infant Mortality Rate	22	0	32.0	0	0	27.7	12.8	0

The following table shows all causes of death at different periods of life during 1969 :—

Cause of Death	Sex	AGES														Total— All ages	Under 4 weeks	4 weeks and under 1 year	1 year	5 years	15 years	25 years	35 years	45 years	55 years	65 years	75 years and over																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

AGES

Cause of Death	Sex	Total— All ages	Under 1 weeks	1 weeks and under 1 year	1 year	5 years	15 years	25 years	35 years	45 years	55 years	65 years	75 years and over
Other Diseases of Circulatory System	M	3	—	—	—	—	—	—	—	—	—	—	3
Influenza	F	1	—	—	—	—	—	—	—	—	—	—	1
Pneumonia	M	1	—	—	—	—	—	—	—	—	—	1	—
... ..	F	1	—	—	—	—	—	—	—	—	—	1	—
Pneumonia	M	2	—	—	—	—	—	—	—	—	—	—	2
... ..	F	1	—	—	—	—	—	—	—	—	—	1	—
Bronchitis and Emphysema	M	3	—	—	—	—	—	—	—	—	—	2	—
... ..	F	1	—	—	—	—	—	—	—	—	—	1	—
Intestinal Obstruction and Hernia ...	M	1	—	—	—	—	—	—	—	—	—	—	—
... ..	F	—	—	—	—	—	—	—	—	—	—	—	—
Other Diseases of Digestive System ...	M	1	—	—	—	—	—	—	—	—	—	—	—
... ..	F	—	—	—	—	—	—	—	—	—	—	—	—
Nephritis and Nephrosis	M	2	—	—	—	—	—	—	—	—	—	—	—
... ..	F	1	—	—	—	—	—	—	—	—	—	—	—
Hyperplasia of Prostate	M	1	—	—	—	—	—	—	—	—	—	—	—
Other Diseases, Genito-Urinary System	M	—	—	—	—	—	—	—	—	—	—	—	—
... ..	F	1	—	—	—	—	—	—	—	—	—	—	—
Symptoms and ill-defined conditions ...	M	1	—	—	1	—	—	—	—	—	—	—	—
... ..	F	—	—	—	—	—	—	—	—	—	—	—	—
All other Accidents	M	1	—	—	—	—	—	—	—	—	—	—	—
... ..	F	—	—	—	—	—	—	—	—	—	—	—	—
All other external causes	M	1	—	—	—	—	—	—	—	—	—	—	—
... ..	F	—	—	—	—	—	—	—	—	—	—	—	—
Total—All Causes	M	37	—	—	1	—	—	—	—	1	7	11	17
... ..	F	28	—	—	—	—	—	—	1	1	3	6	17
Combined Total		65	—	—	—	—	—	—	—	—	—	—	—

The ages at which death occurred were :—

<i>Years</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
Under 4 weeks	0	0	0
4 weeks and under 1 year	0	0	0
1—4 years	1	0	1
5—14 years	0	0	0
15—24 years	0	0	0
25—34 years	0	0	0
35—44 years	0	1	1
45—54 years	0	1	1
55—64 years	9	2	11
65—74 years	9	6	15
75 and over	17	18	35
	36	28	64

The areas in which deaths occurred were as follows :—

<i>District</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
Abergele Rural	0	1	1
Betws-yn-Rhos	1	0	1
Bylchau	1	1	2
Cefn	2	1	3
Glan Conway	7	7	14
Groes	0	2	2
Llanelian	1	0	1
Llanfair T.H.	5	7	12
Llanefydd	2	2	4
Llansannan	6	3	9
Llannerch Crossing, St. Asaph	0	1	1
Moelfre	1	0	1
Nantglyn	1	0	1
Nant-y-Patrick, St. Asaph	1	0	1
Trefnant	8	2	10
Trofarth	0	1	1
	36	28	64

Clinics

(a) At COLWYN BAY CLINIC, NANT-Y-GLYN ROAD :

Monday—

Family Planning : This is provided by a voluntary committee, but meets in the Clinic premises and co-ordinates its work with other work of the Health Department.

Tuesday—

Child Welfare Clinic : Every week at 2 p.m.

Thursday—

Orthopaedic Clinic : Specialist's Clinics quarterly.

Family Planning Clinic : Every week from 7 to 8 p.m.

Saturday—

Ophthalmic Clinic for schoolchildren, by appointment.

(b) At LLYSFAEN CHURCH HOUSE :

Monday—

Child Welfare Clinic : First and third Monday each month from 2 to 4 p.m.

(c) At MOCHDRE VILLAGE HALL :

Monday—

Child Welfare Clinic : Second and fourth Monday each month from 2 to 4 p.m.

(d) At GLAN CONWAY CHURCH HOUSE :

Monday—

Child Welfare Clinic : Second and fourth Monday each month from 2 to 4 p.m.

(e) At LLANDDULAS (YOUTH CLUB) :

Monday—

Child Welfare Clinic : First Monday each month at 2 p.m.

(f) At RHOS-ON-SEA (CHURCH HOUSE, ELWY ROAD) :

Tuesday—

Child Welfare Clinic : Second and fourth Tuesday each month from 10.30 to 12 noon.

(g) At LLANSANNAN :

Thursday—

Child Welfare Clinic : Second Thursday each month at 2 p.m.

(h) At ABERGELE CLINIC (MARKET STREET) :

Thursday—

Child Welfare Clinic : Every Thursday at 2 p.m.

(i) At DENBIGH CLINIC (MIDDLE LANE) :

Wednesday—

Child Welfare Clinic at 10 a.m. and 1 p.m.

Orthopaedic Clinic at 10 a.m. on first and third Wednesday.

Day Nursery

There is no day nursery in the area, but there is a Play Group at the Village Hall, Llansannan.

Ambulance Service

The Ambulance Service is administered by the Denbighshire County Council under the provisions of Part III of the National

Health Service Act, 1948. The Ambulance Control is situated at Colwyn Bay and the day to day administration of this service is the responsibility of your Medical Officer of Health.

Nineteen ambulances are under my control, operating in West Denbighshire, the service being operated by a staff of full-time drivers and attendants.

General Provision of Health Services in the Area

Laboratory Services

The Public Health Laboratory Service is a service designed to assist all concerned in the diagnosis, prevention and control of infection. Over fifty Laboratories are located throughout England and Wales. The Laboratory which serves West Denbighshire is situated at Bryn Hyfryd, Conway.

The routine specimens examined fall under two main headings: (a) Medical specimens, and (b) Sanitary specimens.

The medical specimens are submitted for diagnosis and prevention of bacterial and viral infections. Sanitary specimens include the bacteriological examination of water, milk, ice cream, egg products and fresh fish, etc.

In addition, the work of the service includes not only the investigation of outbreaks of infectious disease, but also the study and distribution and behaviour of various infectious agents.

During the year, samples of water, milk, ice cream and cream were submitted for bacteriological examination and we are indebted to Dr. Kingsley Smith, the Director of the Conway Laboratory, for his ready assistance and valuable advice and co-operation to us.

PROPHYLACTIC AND THERAPEUTIC AGENTS :

German Measles : Gamma Globulin obtainable from the Public Health Laboratory, Bryn Hyfryd, Conway (Tel. Conway 2478).

Typhus vaccine, rabies vaccine and anthrax vaccine, for prophylactic use only, held at the Public Health Laboratory, 126 Mount Pleasant, Liverpool, 3 (Tel. Royal 3636).

Anthrax vaccine for therapeutic use is held at the Public Health Laboratory, Liverpool.

Anthrax anti-serum is held at the C. and A. Hospital, Bangor (Tel. Bangor 3321), and the Maelor General Hospital, Wrexham (Tel. Wrexham 3542).

Snake anti-venom and also Botulinum anti-serum are held at the C. and A. Hospital, Bangor, and the Maelor General Hospital, Wrexham.

Anti-vaccine for tropical snakes is held only at the Dispensary, Royal South Hants, and Southampton Hospital, Southampton (Tel. Southampton 26211) : 24-hour service.

Anti-yellow fever vaccine is obtainable at the Regional Blood Transfusion Centre, Hatton Gardens, Liverpool (Tel. Central 8433) and inoculations are given by appointment only.

Anti-cholera, anti-tetanus and whooping cough vaccine must be obtained through the usual trade channels.

Smallpox vaccine lymph is obtainable from the Health Department, Civic Centre, Colwyn Bay (Tel. 55271).

PATHOLOGICAL AND BIOCHEMICAL.

Doctors may send specimens likely to help in the diagnosis and treatment of diseases to the Royal Alexandra Hospital, Rhyl. Information concerning such specimens is not normally received unless the result is related to the public health or community health problem, in which case the Medical Officer receives the full co-operation of the Hospital Pathologist and the General Practitioner concerned with the case.

Protection against Infection

SMALLPOX VACCINATION.

During the year 23 persons received primary vaccination against smallpox, compared with 27 in the previous year, 3 persons were re-vaccinated.

TRIPLE ANTIGEN (Whooping Cough, Diphtheria and Tetanus).

17 children were given this agent as a primary course during the year, whilst 14 children received booster doses. In addition, 19 children received a primary course using Diphtheria and Tetanus prophylaxis and 50 booster doses were given with this agent.

POLIOMYELITIS.

34 persons received a primary course of poliomyelitis vaccine during the year, whilst 38 persons received booster doses.

MEASLES VACCINATION.

84 children were given vaccination against Measles during the year. Vaccination against Measles is offered to children in their second year of life.

The present schedule of vaccinations starts at six months of age and the first dose of triple antigen is offered. This is completed, along with the Poliomyelitis vaccination, by the time the child is one year of age. Both Measles and Smallpox vaccination are then offered in the second year of life and the child receives booster doses periodically of Diphtheria, Tetanus and Poliomyelitis vaccine during school life, and then during their 13th year, following skin testing, the child may be offered B.C.G. vaccination, which gives a measure of protection against Tuberculosis.

Incidence of Infectious Disease

The following table shows the incidence of infectious diseases in the area during 1969 :—

Cases	At all ages	Under 1 year	1 and under 5	5 and under 25	25 and under 45	45 and under 65	65 and over.
Brucellosis	1	—	—	1	—	—	—
Pulmonary Tuberculosis ...	1	—	—	—	—	1	—
Measles	64	1	27	36	—	—	—
Totals	66	1	27	37	—	1	—

The state of the Tuberculosis Register during the past year is shown hereunder :—

		<i>On Register</i>	
		1/1/69	31/12/69
Pulmonary—			
Male		7	8
Female		2	1
Non-Pulmonary—			
Male		1	1
Female		3	3
		—	—
		13	13
		—	—

Water Supplies

Specimen reports of typical water samples, both private and public, are as follows :—

Appended below is a typical analysis of a private water supply:

Chemical Analysis of Water

ANALYSIS—

Appearance	Clear
Odour	Nil
Reaction pH	6.0
Hazen Units	Less than 5
	<i>parts per</i>
	<i>million</i>
Total Solids	84.00

Nitrogen as free and Saline Ammonia	0.04
Nitrogen as albuminoid Ammonia	0.00
Nitrogen as Nitrites	Slight
Nitrogen as Nitrates	Less than 0.5
Chlorides as Cl.	18
Oxygen absorbed from permanganate in 4 hours at 27 degrees C.	0.4
Total hardness	30
Temporary hardness	15
Permanent hardness	15
Alkalinity	15
Free Chlorine	—
Potassium as K	1.8
Anionic Synthetic Detergents	—
Poisonous metals	Nil
Total residual chlorine	Nil
Free available chlorine	—
Iron as Fe.	0.24

Opinion—The analysis does not indicate any gross pollution but the water has corrosive properties. The amount of colour is negligible and the amount of iron is not excessive. It may be that the complaint originates from water standing in an old or corroded pipe, and in this case the effect will be intermittent. It is not improbable that replacement of the original galvanised pipe by alkathene will cure the trouble.

I am grateful to Mr. J. M. Campbell, Engineer and Manager of the Conway Valley Water Board, for the following table which shows the record of rainfall at Lake Cowlyd and the consumption of water within the Aled Rural District for the year 1969 :—

Rainfall

<i>Month</i>	<i>Inches</i>	<i>No. of days with 0.01 in. or more</i>
January	9.48	19
February	5.68	14
March	4.95	8
April	6.22	11
May	7.15	21
June	5.00	8
July	1.73	10
August	5.20	12
September	2.62	14
October	2.97	10
November	13.08	16
December	12.20	17

Bacteriological Examination of Public Water Supplies

Date Sampled and Name of Supply	1		2	3	4
	Plate Count Yeastrel Agar 24 hrs. 37°C.	Aerobically			
Llyn Bran Supply :					
1/1/69	0	...	0	0	Satisfactory.
16/1/69	0	...	0	0	Satisfactory.
11/2/69	0	...	2	0	Unsatisfactory.
18/2/69	0	...	0	0	Satisfactory.
18/2/69	0	...	0	0	Satisfactory.
25/3/69	0	...	0	0	Satisfactory.
9/4/69	0	...	0	0	Satisfactory.
6/6/69	0	...	0	0	Satisfactory.
6/6/69	0	...	0	0	Satisfactory.
24/6/69	0	...	0	0	Satisfactory.
24/6/69	0	...	0	0	Satisfactory.
11/9/69	0	...	0	0	Satisfactory.
11/9/69	0	...	0	0	Satisfactory.
11/9/69	0	...	0	0	Satisfactory.
11/9/69	0	...	0	0	Satisfactory.
23/9/69	0	...	9	9	Unsatisfactory.
23/9/69	0	...	0	0	Satisfactory.
30/9/69	0	...	0	0	Satisfactory.
9/10/69	0	...	0	0	Satisfactory.
15/10/69	0	...	0	0	Satisfactory.
11/11/69	0	...	9	0	Unsatisfactory.
25/11/69	0	...	0	0	Satisfactory.

Date Sampled and Name of Supply	1		2		3		Remarks
	Plate Count Yeastrel Agar 24 hrs. 37°C.	Aerobically	Prob. No. of Coliform Bacilli MacConkey 2 days 37°C.	Prob. No. of Bact. Coli (Type 1)			
<i>Llyn Cowlyd Supply :</i>							
20/ 5/69	0	...	0	...	0	Satisfactory.	
20/ 5/69	0	...	2	...	0	Unsatisfactory.	
6/ 6/69	0	...	0	...	0	Satisfactory.	
18/11/69	"	...	0	...	0	Satisfactory.	
<i>Llyn Conwy Supply :</i>							
16/ 1/69	0	...	0	...	0	Satisfactory.	
22/ 1/69	0	...	0	...	0	Satisfactory.	
11/ 2/69	0	...	0	...	0	Satisfactory.	
9/ 4/69	0	...	0	...	0	Satisfactory.	
9/ 4/69	0	...	0	...	0	Satisfactory.	
29/ 4/69	0	...	0	...	0	Satisfactory.	
29/ 4/69	0	...	0	...	0	Satisfactory.	
11/ 9/69	0	...	0	...	0	Satisfactory.	
11/ 9/69	0	...	0	...	0	Satisfactory.	
16/ 9/69	0	...	0	...	0	Satisfactory.	
16/ 9/69	0	...	0	...	0	Satisfactory.	
23/ 9/69	0	...	0	...	0	Satisfactory.	
23/ 9/69	0	...	9	...	0	Unsatisfactory.	
30/ 9/69	0	...	9	...	0	Unsatisfactory.	
9/10/69	0	...	0	...	0	Satisfactory.	
5/11/69	0	...	0	...	0	Satisfactory.	
11/11/69	0	...	3	...	0	Unsatisfactory.	
<i>Trefnant Main Supply :</i>							
16/ 1/69	0	...	0	...	0	Satisfactory.	
12/ 3/69	0	...	0	...	0	Satisfactory.	
30/ 9/69	0	...	0	...	0	Satisfactory.	
30/ 9/69	0	...	0	...	0	Satisfactory.	
15/10/69	0	...	0	...	0	Satisfactory.	
5/11/69	0	...	0	...	0	Satisfactory.	

Consumption

	<i>Million Gallons</i>
January	1.9
February	2.2
March	2.5
April	1.9
May	2.0
June	2.0
July	2.2
August	2.2
September	2.2
October	2.0
November	2.1
December	2.2
	25.4

(Signed) J. M. CAMPBELL,
Engineer and Manager.

Food and Drugs

I am indebted to Mr. D. Hugh Owens, Chief Inspector for the County of Denbigh, for the following information :—

Particulars of samples taken under the Food and Drugs Act, in the ALED RURAL DISTRICT during the year ended 31st December, 1969.

<i>Article</i>	<i>No. taken</i>	<i>Genuine</i>	<i>Not Genuine, or Sub-standard</i>
Milk	17	16	1
Ice Cream	1	1	—
All Fours Mixture	1	1	—
Soluble Aspirin	1	1	—
Totals	20	19	1

Of the 17 samples of milk submitted to the Public Analyst, only one was the subject of an adverse report. This was a sample of milk taken from a bulk tank and was found to be slightly deficient in Fat. The farmer concerned was advised and cautioned. Of the samples submitted, 11 milks were tested for the presence of antibiotics with a negative result in each instance. Otherwise all samples were certified by the Analyst to be genuine and free from all prohibited preservatives and colouring matter.

(Signed) D. HUGH OWENS,
*Chief Inspector,
County of Denbigh.*

Ruthin Road,
Wrexham.
8th June, 1970.

Milk Samples

Number of visits and inspections	186
Samples—	
Bacteriological	92
Biological	7

The attached schedule gives details of bacteriological samples taken. Close liaison is maintained between the County Health Officer and the Ministry of Agriculture, Fisheries and Food, and where appropriate action is taken in respect of samples which are not up to standard.

The supply of milk in the district can be regarded as satisfactory but the position regarding Brucellosis gives rise to concern. Requests made to suppliers and producers to divert all supplies for heat treatment where Brucellosis is suspected have in all cases been acceded to. The comparatively small amount of biological sampling which has revealed brucella infection indicates that the problem is a serious one. We can only reiterate the observations made by us in the past. Until a scheme of detection with compulsory samples of affected animals and adequate compensation to farmers is introduced this problem will persist for a considerable time.

Milk Samples (Bacteriological)

	Supplies Sampled	Pasteurised Pass	Milk Fail	Farm Produced Milk	
				Pass	Fail
January, 1969	10	5	—	3	2
February, 1969	9	3	—	6	—
March, 1969	4	2	—	2	—
April, 1969	13	4	—	8	1
May, 1969	1	—	—	1	—
June, 1969	8	—	1	7	—
July, 1969	3	1	—	2	—
August, 1969	13	2	—	9	2
September, 1969	5	2	—	3	—
October, 1969	10	4	—	3	3
November, 1969	13	4	—	7	2
December, 1969	3	—	—	3	—
	92	27	1	54	10

Ice Cream

Ten samples of Ice Cream were taken for Bacteriological examination and were found to be satisfactory. There are no Ice Cream producers in the district.

Offices, Shops and Railway Premises Act, 1963**TABLE A—REGISTRATIONS AND GENERAL INSPECTIONS**

(1)	(2)	(3)
Class of Premises	No. of premises registered to date	No. of registered premises receiving general inspection during the year
Offices	13	5
Retail Shops	23	11
Wholesale Shops, Warehouses ...	1	—
Catering Establishments open to Public, Canteens	17	12
Fuel Storage Depots	7	4

TABLE B

Number of Visits of all kinds (including General Inspections) to Registered Premises	32
---	----

TABLE C**ANALYSIS BY WORKPLACE OF PERSONS EMPLOYED IN REGISTERED PREMISES AT END OF YEAR**

Class of Workplace	No. of persons employed
Offices	17
Retail Shops	23
Wholesale Department Warehouses	2
Catering Establishments open to the Public	24
Canteens	—
Fuel Storage Depots	9
TOTAL	75

Total Males : 40.

Total Females : 35.

Refuse Collection and Disposal

	1969	1968
Nos. of bins collected, including Caravan Sites and Lay-by Bins	2,700	2,650
No. of miles travelled in year	20,000	23,000
Average No. of miles travelled per day per vehicle ...	42	45
No. of vehicles	2	2
TOTAL cost of service	£10,243	£8,723
Cost per collection per annum	£3.8	£3.3
Cost per mile travelled	£0.47	£0.38

The two refuse tips at Llannefydd and Cefn continue in use and have in general been satisfactory. The employment of mechanical means of levelling has enabled the life of the tips to be extended, and it is hoped that it will not be necessary to establish another tip site before an alternative scheme of disposal is available. Tipping as a means of refuse disposal cannot be accepted as satisfactory as an effective measure of control and cannot be exercised with the resources available.

There is no doubt that pulverisation at a central disposal plant serving several authorities will be the most practical method and it is gratifying to note that Colwyn Bay Borough is promoting the establishment of such a system which will be available to this Rural District.

The paper sack method of collection has been adopted with success and no complaints have been received from householders in connection with this method. Approximately two-thirds of the built-up areas of the district have been supplied with sack holders and the whole area will be completely served by paper sack collections by 1971.

CIVIC AMENITIES ACT, 1967.

Arrangements have been made for residents in the district to deposit refuse with Colwyn Bay Borough. Residents may take rubbish and other articles which they wish to dispose to the tip at Mochdre provided they obtain an authority from the Aled Council for presentation to the tip attendant.

This procedure has partially solved the problem, but people living at a distance from the tip are still not adequately served. The difficulty lies in the fact that our own tips are not permanently manned and have to be locked when not in use.

A number of derelict motor cars have been removed but there is no doubt that the dumping of old car bodies on unauthorised sites has continued.

SCRAP METAL DEALERS ACT, 1964.

There are two registrations of persons dealing in scrap metal in the district.

ANIMAL BOARDING ESTABLISHMENTS ACT, 1963.

One establishment only is registered under the provisions of the above Act.

Caravans

Parish	1968		1969	
	No. of Sites	No. of Caravans	No. of Sites	No. of Caravans
Abergele Rural	7	189	9	194
Betws-yn-Rhos	1	153	1	153
Bylchau	1	30	1	30
Cefnmeiriadog	1	304	1	304
Glan Conway	4	61	4	61
Llanefydd	2	57	2	57
Llansannan	—	—	—	—
Llanfairtalhaiarn	7	29	8	30
Llanelian	1	1	1	1
Trefnant	—	—	—	—
	24	824	27	830

Slaughterhouses

Neither of the two slaughterhouses in the area was in use during the year.

Knacker's Yard

This establishment is now used as a reception depot for carcases and no slaughtering is carried out on the premises.

Rodent Destruction

Total number of properties in the District, including Local Authority Buildings	2554
Number of farms inspected during the year	133
Number of business premises inspected during the year ...	98
Number of private dwellings inspected	107
Total of all other types of inspections, including Local Authority tips and sewers	130

Sewerage

<i>Works Concerned</i>	<i>Date</i>	<i>Opinion</i>
BRYN EWIN—ABERGELE RURAL	12/ 5/69	Satisfactory.
TAN-Y-FRON WORKS	12/ 5/69	Unsatisfactory.
GLASCOED ROAD—CEFN	12/ 5/69	Bad.
GROES NEW WORKS	30/ 5/69	Satisfactory.
LLANSANNAN	12/ 5/69	Satisfactory.
CAE SHON WORKS—TREFNANT	12/ 5/69	Satisfactory.
TREFNANT MAIN WORKS	12/ 5/69	Satisfactory.
BETWS-YN-RHOS	8/ 7/69	Satisfactory.
LLANELIAN-YN-RHOS	8/ 7/69	Unsatisfactory. (2) Satisfactory.
TREFNANT MAIN	10/ 9/69	Unsatisfactory.
LLANFAIR TALHAIRN	10/ 9/69	Fairly satisfactory.
Do.—River discharge	10/ 9/69	Although River very low river water entering sewage works discharge pipe and diluting effluent.
CAE SHON, TREFNANT	10/ 9/69	Satisfactory.
PENTREFELIN—GLAN CONWAY	17/10/69	Unsatisfactory.

H O U S I N G

Housing Conditions Generally

Housing in Clearance Areas and Unfit Houses Elsewhere

1.	INSPECTION OF DWELLING HOUSES during the year :	
	(i) Houses demolished as a result of formal or informal procedure under Section 16 Housing Act, 1957 ...	Nil
	(ii) Housing inspections	226
2.	UNFIT HOUSES CLOSED :	
	(i) Under Section 16 (4) Housing Act, 1957	19
3.	UNFIT HOUSES MADE FIT AND HOUSES IN WHICH DEFECTS REMEDIED :	
	(i) After informal action by the Local Authority	2
	(ii) After formal action—	
	(a) Public Health Act	Nil
	(b) Housing Act	Nil
4.	UNFIT HOUSES IN TEMPORARY USE :	
	(i) Housing Act, 1957, Section 34 or 53	10
	(ii) Section 17 (2)	Nil

COMPLAINTS

(a) Complaints Book	459
(b) Memo Book	127

586

The complaints referred to under (a) above were chiefly to do with defects in council houses which were remedied by the council.

Complaints under (b) referred to other matters such as infestations by pests, complaints re accumulation of refuse, etc.

All the complaints were satisfactorily dealt with and there was no need to resort to statutory action.

IMPROVEMENT GRANTS

DISCRETIONARY GRANTS :

Applications considered from 7/3/50—31/12/68	416
Applications not proceeded with relative the above period	61
	— 355
Applications considered during current year (1969)	12
Number not proceeded with—	
(a) By reason of property being considered below standard	—
(b) Application deferred pending Builders' estimates	—
(c) By reason of Amenities already existing	—
Number of Applications approved in current year	12
	— 12
Total number of grant aided schemes to date	367
Value of grant aid in respect of total number of schemes ...	£96,082
Value of current year's schemes	£8,771
Average amount per grant aided scheme	£730
Number of visits in connection with Discretionary Grants ...	120
Number of Meetings of Grants Committee (Housing Sub-Committee)	9

STANDARD GRANTS :

Number of schemes approved to 31/12/68	60
Number of applications considered during current year (1969)	3
Number of applications in current year withdrawn	—
Number of applications in current year rejected	—
Total number of applications proceeded with in current year	3

The three grant schemes for the current year were Higher Limits Grants.

Inspection of Factories

Premises (1)	M/c line No. (2)	Number on Register (3)	Number of Inspections (4)	Number of Written Notices (5)	Number of Occupiers prosecuted (6)	M/c line No. (7)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	1	2	—	—	—	1
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	2	20	10	—	—	2
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers' premises)	3	1	3	—	—	3
Total	6	23	13	—	—	6

Cases in which defects were found

Particulars (1)	M/c line No. (2)	Cases Found (3)	Cases Remedied (4)	Referred to H.M. Inspector (5)	Referred by H.M. Inspector (6)	No. of cases in which prosecu- tions were instituted (7)	M/c line No. (8)
Want of Cleanliness (S.1)	4	—	—	—	—	—	4
Overcrowding (S.2)	5	—	—	—	—	—	5
Unreasonable temperature (S.3)	6	—	—	—	—	—	6
Inadequate ventilation (S.4)	7	—	—	—	—	—	7
Ineffective drainage of floors (S.6)	8	—	—	—	—	—	8
Sanitary Conveniences (S.7)—							
(a) Insufficient	9	—	—	—	—	—	9
(b) Unsuitable or defective	10	—	—	—	—	—	10
(c) Not separate for sexes	11	—	—	—	—	—	11
Other offences against the Act (not including offences relating to Outwork)	12	—	—	—	—	—	12
Total	72	—	—	—	—	—	72

We would like to record our thanks to the Chairman and members of the Aled Rural District Council for their help and guidance during the year, and also to our fellow officers of the Authority.

F. P. PEACH,
Medical Officer of Health.

F. J. LEVESLEY,
Public Health Inspector.

